

## **ATTACHMENT I**

Date: Wed Jan 24, 1996 4:49 pm CDT  
From: Bob Edgerly / MCI ID: 538-5670  
  
TO: \* Jim Joerger / MCI ID: 445-4263  
Subject: Update - Consolidated status on CIP  
Message-Id: 83960124214938/0005385670ND2EM

Latest on LEC support for CIP.

-Bob  
v 227-6355

Ameritech -----	Tariff Date: Pricing Structure: Cost: 1st Year Cost: Subsequent Annual Cost:	Effective 6/20/95 Per Trunk Group \$40 NRC; \$6 RC/Month \$92,736.00 \$59,616.00
Bell Atlantic -----	Expected filing date: Pricing Structure: Cost: Annual Cost:	Early 1996 Per Trunk \$1.50 RC/Month Approx. \$1.6M (still negotiating) CR told BA we would NOT purchase CIP at this rate.
BellSouth -----	Tariff Date: Pricing Structure: Cost: Annual Cost:	Effective February 25, 1996 Per Trunk \$.28 RC/Month Approx. \$364K. MCI will file against this rate on 1/26.
CinnBT -----	Tariff Date: Pricing Structure: Cost: Annual Cost:	Effective January 4, 1996 Per Trunk Group \$200 RC/Month \$62,400
GTE / GTOC -----	Tariff Date: Cost:	Effective November 30, 1995 Free
Pacific Bell -----	Expected filing date: Pricing Structure: Cost: Annual Cost:	April 1996 Per Trunk Group \$45 RC/Month Approx. \$250K-270K
NYNEX -----	Has not committed to implement, proposed costs were very high. Still pushing....	
SBC (SWBT) -----	Expected filing date: Pricing Structure: Cost: Annual Cost:	Early 1996 Per Call \$.0007 per call Approx. \$1.5M (still negotiating) CR told SBC we would NOT purchase CIP at this rate.
SNET	Now willing to consider providing based on most	

----- recent "sales pitch" for NCM. Looking at the costs.

Sprint-LTD            Tariff Date:                    Filed Jan. 16, Effective March 1  
----- Estimated Cost:                Free

USWest                Plans to implement, but still examining the costs.  
----- Did present MCI with a cost proposal which was  
unacceptable (\$1.6M/year). USWest doing further CIP market  
research and working with their vendors to reduce cost....

## **ATTACHMENT II**



**ALLTEL SERVICE CORPORATION**  
100 Executive Parkway • Hudson, Ohio 44236-1105  
Phone (216) 650-7000

**CORPORATE CARRIER RELATIONS**

April 22, 1988

Mr. Peter Guggina  
MCI TELECOMMUNICATIONS CORPORATION  
8283 Greensboro Drive  
McLean, Virginia 22101

Dear Peter:

Based on current information that ALLTEL has accumulated from the manufacturers and our concern for deviation of "Industry Standards", we are declining your request to "TEST" a FG-D with CIC.

Wayne Zwald, Vice President-Network, is willing to have an informal meeting with you following our CLC meeting in May to discuss this subject in more detail.

Yours truly,

A handwritten signature in black ink, appearing to read "L. Craig Schaeffer". The signature is fluid and cursive, with a large, stylized "S" at the end.

L. Craig Schaeffer  
Director-Carrier Relations

amh

cc: Wayne Zwald

**LAURENCE A. YOUNG**  
Director  
Carrier Technical Liaison

1900 East Golf Road  
Schaumburg, Illinois 60173  
312/310-2044

February 15, 1988

Mr. Peter Guggina  
MCI Telecommunications  
8283 Greensboro Dr.  
McLean, Virginia 22102

Dear Peter,

Jack Saylor has requested that I respond to your Carrier Identification Code (CIC) questions.

Q1. Can CIC information be transmitted with ANI on FG D originating calls from end offices connected via direct or tandem trunking arrangements to the MCI POP?

Response: No

Q2. If the end office has the capability to transmit the CIC, can the access tandem forward the CIC to MCI with the ANI?

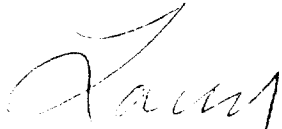
Response: No, the CIC is used when the end office signals the tandem office but only for the purpose of selecting the proper FG D access service to the IC. It is not included in the billing information sequence (ie. KP + II + ANI + ST). The protocol is described in Technical Reference TR-NPL-000258.

Q3. What happens to the CIC information in the end office?

Response: The CIC information is used only to determine the end users pre-subscribed interexchange carrier, thus allowing down stream billing and routing via a tandem as described above; or the selection of a direct FG D access service to the IC. This is described in the LSSGR TR-E0Y-000064 section 20-24-0000, commonly referred to as the FSD - Feature Specification Document.

If MCI is interested in a feature where the CIC would be included as a part of the billing information stream vendor development would be required.

Please call me if you require further information.

A handwritten signature in cursive script, appearing to read 'Laurence A. Young', written in dark ink.

Laurence A. Young  
Director - Technical Liaison

cc: Mr. J. Saylor  
Mr. T. Appenzeller  
Ms. S. Platner  
Ms. A. Cullather



**Bell Atlantic**

1310 N. Court House Road, 4th Floor  
Arlington, Virginia 22101  
(703) 974-3803

George L. Edwards

Managing Director  
Industry Relations and Government Affairs

February 23, 1988

Mr. Pete Guggina  
MCI Communications Corporation  
8283 Greensboro Drive  
McLean, Virginia 22102

Dear Mr. Guggina:

This is in response to your January 11, 1988 request for information about the availability of providing Carrier Identification Code (CIC) information with Automatic Number Identification (ANI) on Feature Group D originating access service.

Bell Atlantic's equal access end offices (EAE0) and the Access Tandem (AT) cannot forward the CIC code to the IC. The feature requirements of the EAE0 and AT, as specified in the following two documents, do not provide for such a capability:

- 1) TR-TS4-000530, Issue 2, July, 1987; and,
- 2) FSD20-24-0000, specifically the section on InterLATA Carrier/International Carrier Interconnection.

To obtain the technical specification documents detailing this, contact:

Bell Atlantic Research, Inc.  
60 New England Avenue  
Piscataway, New Jersey 08854-4196  
Attn: Document Coordinator  
(201) 699-5800

If you have further questions regarding this matter, please contact me or Steve Collins on 974-5798.

Sincerely,

0053L





**Bell Atlantic**

Robert E. Ingalls, Jr.  
Marketing Manager - MC

8630 Fenton Street  
Room 1100  
Silver Spring, Md. 20910  
(301) 495-5210

May 3, 1988

Mr. Peter Guggina  
MCI Telecommunications Corporation  
8283 Greensboro Drive  
McLean, Virginia 22102

Dear Peter,

I am writing as a follow-up to our meeting on April 25 regarding CIC information. The open questions from the meeting were:

- 1.) Can Bell Atlantic extend the trial to individual applications on a Special Assembly basis?
- 2.) What is the time frame required to incorporate CIC information in the MF signalling environment?
- 3.) Does NTI's update to BCS2~~3~~ help #2?
- 4.) What is the status of CIC information in the SS7 environment?

The answers are:

- 1.) The trial can be performed as explained on April 25, however, it cannot be extended to multiple applications on a Special Assembly basis. Development work would be required as the capability to provide this feature to all interested ICs would be necessary.
- 2.) The time frame for incorporating CIC in MF signalling is two to four years as described on April 25.
- 3.) It has been confirmed that the NTI Access Tandems can be equipped to forward CIC codes to the IC. However, Bell Atlantic does not have this capability in place. Since less than 20% of the BA Access Tandems are NTI switches, adding that capability would appear to provide only a limited capability to MCI.

4.) The situation with the availability of CIC information in SS7 is as follows:

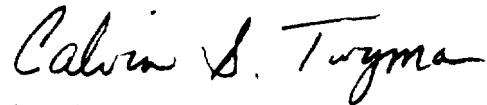
- TR 394 originally included the transmission of CIC information.
- In 1986, TIX1.1 reviewed this and determined that the transmission of the CIC was not needed beyond the last switch in the originating LATA (End Office or Access Tandem). MCI was a participant in these proceedings.

If MCI would like to have this pursued and incorporated into TR 394 then the following steps are necessary:

- Request the service from Bell Atlantic.
- Bell Atlantic will propose a new service (CIC Information) and service definition and refer it to Bellcore for input into TR 394.
- Impact will most likely be seen in 1991-92.

Hopefully, this responds to those questions remaining from our meeting of April 25, 1988. If you have any additional questions, please give me a call.

Sincerely,



(for) Bob Ingalls

cc: Wade Wallace  
Woody Traylor  
Jim Vecchiola



**BellSouth Services**

100 Chase Park South  
Birmingham, Alabama 35244

January 20, 1988

Mr. Peter Guggina  
MCI Telecommunications  
8283 Greensboro Drive  
McLean, VA 22102

Dear Peter:

This is in response to your letter of January 11, 1988 regarding provision of Carrier Identification Code (CIC) information with Automatic Number Identification (ANI) on Feature Group D (FG-D).

Our existing technology does not permit transmission of CIC over FG-D, whether direct-or tandem-routed. Implementing such a capability would involve first preparing detailed design specifications, then having all our end office switch suppliers develop the feature per the specification. Our experience is that this process typically requires over two years to complete.

Sincerely,

  
Joseph R. Loggins  
Operations Manager

cc: D. W. Jones  
R. B. Robertson  
W. H. McElveen  
A. P. Jones  
R. B. Vogel



## BellSouth Services

W. H. McElveen, Jr., P.E.  
Assistant Vice President—  
Network Provisioning

100 Chase Park South  
Birmingham, Alabama 35244  
205 985-8261

May 6, 1988

RECEIVED

MAY 10 1988

Shekhar Tiwari  
MCI Telecommunications Corporation  
8283 Greensboro Drive  
McLean, VA 22102

SHEKHAR TIWARI  
Technical Strategy Management  
MCI

Dear Mr. Tiwari:

This is in response to your inquiry about our willingness to transmit the Carrier Identification Code (CIC) as part of the ANI stream on originating FG-D calls.

Our investigation indicates that feature development would be required in the DMS-10, No. 1A and 5 ESS switching systems to implement your request. We understand, however, that a feature to equip the DMS-100/200 with the desired capability may already exist. Before we carry our investigation further and undertake activating and testing the feature, BellSouth needs to know whether MCI would still want to receive CIC codes from DMS-100 end offices and DMS-200 access tandems only.

We also understand that one Region is testing an arrangement in which direct trunks are entered in translations as tandem trunks so the end office will transmit the desired CIC. Our analysis indicates that this could only be accomplished on direct groups and that these would have to be further restricted to originating traffic only due to problems with recording in the terminating direction. BellSouth needs to know whether MCI would want the requested capability under those restrictions.

I encourage you to involve BellSouth's Account Executives, Larry Scherer and Phillip Burriss on 205-321-5257 and 404-529-5626 respectively. With a thorough understanding of your needs, they may be able to offer innovative solutions and more thoroughly represent your interests in internal feature development prioritization and future service offerings.

O'Hare Plaza  
8725 Higgins Road  
Chicago, IL 60631  
Telephone 312 399 2500

**CEN<sup>TEL</sup>**

January 25, 1988

Mr. Peter Guggina  
MCI Telecommunications Corporation  
8283 Greensboro Drive  
McLean, Virginia  
22102

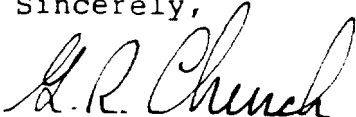
Dear Mr. Guggina:

In response to your letter of January 11, 1988, to James W. Weith, our access tandem and class five Equal Access Switches do not have the ability to forward Carrier Identification Code (CIC) information with Automatic Number Identification (ANI) on domestic calls, in either direct or access tandem trunking arrangements.

The manufacturers of these switches confirm this inability and indicate no immediate plans for such capabilities.

Should you have any questions, please advise.

Sincerely,



G. R. Church  
General Staff Manager  
Network & Switching

GRC:FJW:efb

cc: J. W. Weith

Contel Service Corporation  
245 Perimeter Center Parkway  
P. O. Box 305194  
Atlanta, GA 30348  
404 391 8000

**CONTEL**

Peter Guggina  
MCI  
8283 Greensboro Drive  
McLean, VA 22102

February 1, 1983

Dear Mr. Guggina:

I would like to respond to your request for planning information concerning the possibility of receiving Carrier Identification Code (CIC) information with the Automatic Number Identification (ANI) on Feature Group D (FGD) originating access service.

With the current switch software and the current feature description of Feature Group D (TR-NPL-000258), it is not possible for Contel switching systems to forward the CIC code to the carrier. This restriction applies to both direct and access tandem routed calls. This inability is a function of feature design and is not an administrable option available to Contel.

The only available method of implementing your request is to change the requirements of the LSSGR and the technical specifications for Feature Group D. This would, in turn, allow the switch vendors to provide the appropriate switch software.

If you have any further questions please contact me.

  
Bud Zirkle  
Director - Network Operations



GTE Service Corporation

GTE Plaza  
Wash. Airport Drive  
HQ Bldg 610060  
1111 W. Airport Express 75201-0060  
Dallas, Texas 75201

January 25, 1988

Mr. Peter Guggina  
MCI Telecommunications Corporation  
8283 Greensboro Drive  
McLean, VA 22102

Dear Mr. Guggina:

Carrier Identification Code (CIC) tables are a generic data base feature in Equal Access End Office (EAEO) switching systems utilized to determine call routing for direct trunking arrangements, and is only forwarded (to "the" designated serving access tandem) when access tandem trunking arrangements have been specified for a particular CIC.

CIC information was a LEC specified feature to enable calls to be routed to the designated carrier. We did not envision a requirement to forward CIC information to carriers and, therefore, did not specify the capability be provided by our switching system vendors.

Should you have any remaining questions or wish to discuss this matter further, please call me at (214) 453-4824.

Sincerely,

A handwritten signature in dark ink, appearing to read "W. E. Mafadini", with a stylized flourish at the end.

WILLIAM E. MAFADINI  
Manager - Switching Support

WEM/cmj/1062P

Attachment

cc: R. F. Clark  
C. D. Zaretki  
C. E. Flem  
J. T. Sorenson

**NYNEX Service Company**  
1155 Avenue of the Americas Room 300 New York NY 10036  
212 391 8750

**T P Marshall**  
Managing Director

February 9, 1988

**NYNEX**  
Service Company

Mr. Peter Guggina  
MCI Telecommunications Corporation  
8283 Greensboro Drive  
McLean, Virginia 22102

Dear Mr. Guggina:

This is in response to your letter of January 11, which I regrettably did not receive until February 2. In that letter you questioned the feasibility of transmitting Carrier Identification Code (CIC) information over Feature Group D trunks. In the current signaling protocol for FGD trunks, the CIC is used exclusively for routing calls to the designated Interexchange Carrier.

For calls routed to a carrier via an access tandem, the originating end office specifies to the tandem the IC to which the call must be routed through a signaling sequence preceding the calling number identification field. This allows the access tandem to select the appropriate IC trunk group before the ANI information is sent, and the CIC information, having performed its function, is no longer available.

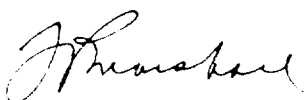
Calls routed directly from an originating end office to an IC do not require any further IC identification once the specific trunk group is selected. The end office having used the dialed 10XXX digits to determine call routing, thereupon "discards" the CIC information before ANI information is forwarded to the selected IC.

A requirement for CIC transmission as described in your letter would require significant changes in the existing switching generic. If the feature in question is only of interest to MCI, the generic would be rendered even more complex and the developmental and implementation costs increased commensurately.

NYNEX has been waiting for some time for features in developmental queue which have high priority for NYNEX, MCI and the industry as a whole. It would be unrealistic to assume that a generic change to accommodate CIC transmission, even if investigation proved it feasible, could be introduced in the near future. MCI may wish to consider other alternatives, such as dedicated trunk groups for specific CICs.

We are available to discuss the matter further and to assist in developing alternate solutions should you wish to pursue the problem with us. In any case, if you have any additional questions, please do not hesitate to contact me.

Sincerely,



cc: Mr. F. Ferrantelli



**NYNEX Service Company**  
120 Bloomingdale Road Room 326 White Plains NY 10605  
914 683 2290

**William G LaPerch**  
District Manager

**NYNEX**  
Service Company

July 18, 1988

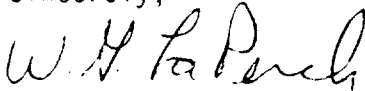
Mr. Peter Guggina  
MCI Telecommunications Corporation  
8003 Westpark Drive  
McLean, VA 22102

Dear Mr. Guggina,

Approximately six weeks ago you inquired about the possibility of NYNEX forwarding CIC information with ANI on FG-D originating service. Attached you will find a reply from our technical planning group relative to this request.

Despite the bleak outlook for providing this service quickly, I would be more than happy to pursue this further with you if appropriate. Please do not hesitate to call me if I can be of further help.

Sincerely,



W.G. LaPerch  
Director, MCI Account

July 18, 1988

W.G. LaPerch, Director, MCI Account

Bill,

This is in reply to your letter regarding the forwarding of the Carrier Identification Code (CIC) information with the Automatic Number Identification (ANI) on Feature Group D originating access service.

Presently, in the FG D signalling protocol, the CIC code is used exclusively for routing to the proper Interexchange Carrier.

For calls routed via the access tandem, the end office identifies the IC to which the call must be routed in a signaling sequence preceeding the calling number identification field. This allows the access tandem to select the proper IC trunk group before the ANI information is sent. The CIC information which was sent to the access tandem, having performed its function, is no longer available.

Calls routed directly from the end office to the IC do not require any further IC identification once the specific IC trunk group is selected so the CIC is not forwarded. The end office uses the dialed 10XXX for this routing and the CIC is then no longer available.

Informal discussions with our switch vendors has confirmed that none of our switches has the capability to pass on the CIC as a part of the ANI.

This requirement, if requested by MCI would require a change in the local switching generic requirements which now exist and require a major development. The vendors would not provide any specific cost estimates without a detailed requirement but generally feel it would be a major development and this would be reflected in both the time and cost of development.

If the feature is only applicable to MCI and not the general IC community it would further complicate the generic as well as increase the potential cost to the customer. In addition, we have been waiting for 18-24 months for many features which have high priority for both NYNEX, MCI, and the industry as a whole. It would be unrealistic to believe that this type of generic change, if technically feasible, could be done any sooner.

I would recommend that MCI make their interest in this feature known to those parties who are involved in the development of the Signaling System 7 protocol which is now emerging.

I am sorry to be so general in my reply but without specific requirements it is difficult to provide you with anything more than general replies.

  
F.J. Ferrantelli



**Southwestern Bell  
Telephone**

One Bell Centre  
St. Louis, Missouri 63101  
Phone (314) 233-9800

February 10, 1988

Mr. Peter Guggina  
MCI Telecommunications Corp.  
8283 Greensboro Drive  
McLean, Virginia 22102

Dear Mr. Guggina,

This is in response to your letter of January 11, 1988 in which you requested certain information concerning provision of the Carrier Identification Code (CIC) with ANI on FG D exchange access service.

The CIC is not contained in the protocol forwarded to inter-exchange carriers utilizing originating FG D exchange access for domestic calls (reference TR-NPL-000258, Issue 1, pages 3-2 and 3-10). This applies to both direct and tandem connections.

For 1+ MTS traffic, the appropriate CIC is determined from either the translations associated with the presubscribed line or the CIC dialed by the customer via the 10XXX instruction which "overrides" the presubscribed carrier on a per call basis. The EC switching offices utilize the CIC to determine (via the "carrier common block" translations) the appropriate trunk group over which to route the traffic in order to deliver the call to the appropriate interexchange carrier. This determination is made at the end office (EO) for direct trunking or the access tandem (AT) for tandem-routed calls. In no case, however, is the CIC contained in the protocol forwarded on domestic calls to the IC from the EO or the AT. (The CIC is, however, forwarded to the IC on international calls - see TR-NPL-000258, Issue 1, pages 3-2 and 3-11).

I hope this answers your question. Please let me know if clarification is needed. (Reference document TR-NPL-000258 has other information regarding signaling which may be helpful as well).

Sincerely,

1524



**Southwestern Bell  
Telephone**

208 S. Akard, Room 0532 06  
Dallas, Texas 75202  
Phone (214) 464-5155

Regional Marketing Services

**Alan Backof**  
Manager, CIC Services

May 23, 1988

Mr. Peter Guggina  
MCI Telecommunications  
8283 Greensboro Drive  
McLean, Virginia 22102

Dear Peter:

Pursuant to our recent conversation it would be helpful if you would provide information on the following areas of CIC transmission:

- 1) Is this a service that MCI definitely plans on using in the future;
- 2) What is MCI's willingness to utilize this service if it were a tariff offering;
- 3) How would MCI like to see this service offered by Southwestern Bell;
- 4) How does MCI intend to utilize this service?

Any input you could provide would be helpful to Southwestern Bell's Business Opportunity Analysis procedure which has been initiated to study this request.

As we also discussed, this information is technically feasible on a direct basis while requiring development on a tandem basis. The time necessary for this development would be determined in conjunction with our vendors, but would certainly be impacted by the level of interest expressed by our customers.

As more information becomes available, I will keep you advised. If you have any questions, please contact me. I will be looking forward to your reply.

Sincerely,

Carrier Marketing  
1801 California, MBO 2120  
Denver, Colorado 80202  
303 896-2866

Vern Braaksma  
Regional Account Manager  
MCI

**USWEST**

March 28, 1988

Mr. Peter Guggina  
Senior Manager  
MCI Telecommunications Corporation  
8283 Greensboro Drive  
McLean, Virginia 22102

Dear Mr. Guggina,

In response to your letter regarding the possibility of providing the Carrier Identification Code (CIC) from end offices and tandems on originating Feature Group D (FG D) service, the following information has been obtained.

The CIC may be transmitted with Automatic Number Identification (ANI) via direct trunking to an end office. It is not possible at this time, however, to provision this service from any of the tandems in place within U S West. The ability to provide this service from the tandems would require software development and deployment by the vendor of each type of tandem switch.

A significant number of the MCI FG D trunking arrangements in place within U S West are direct arrangements. In addition, the end offices served by these direct trunks are often the ones which serve MCI's largest customers. Even though it is not possible to provide the CIC from the tandems, it may be possible to accommodate the needs of your marketing group and many MCI customers with direct trunking.

If you do see a requirement for the CIC from the tandems at some point in the future, we would be happy to talk with you more about this as well as the provisioning of the CIC on direct trunks. Please keep in mind that it is estimated that the development of the ability to provide this service from the tandems will be quite expensive and will take some time to initiate and deploy.

I apologize for the fact that we were so long in responding to your letter. If we can provide additional information or you would like to discuss this further, please call me or Ceil Matson. I may be reached on (303) 896-2866 and Ceil on (303) 896-6790.

Sincerely,



Vern Braaksma

Copies to: Frank Karash, MCI  
Margaret Bumgarner, U S West  
Jerry Sundby, U S West

## ATTACHMENT III

# *EC REPORTS*

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## Implementation Plans for the Transmission of CIC in SS7 Call Setup Messages

403

Attachment IV

EC REPORTS ON THEIR IMPLEMENTATION PLANS FOR THE TRANSMISSION OF CIC IN  
SS7 CALL SETUP MESSAGES

<u>COMPANY</u>	<u>RESPONSE</u>
ALLTEL	ALLTEL has no plans at this time for the implementation of CIC in the SS7 Call Setup message, but when this capability is available from our vendors and as we develop our SS7 network we will reconsider this position.
Ameritech	The optional Carrier Identification Code parameter is contained in DRAFT Issue 2 of the ANSI specification for ISUP protocol and is currently undergoing the industry approval process. Ameritech will need to prioritize this feature along with other capabilities for reissues of the technical requirements documents. We will then assess the funding, switch development and vendor availability before answering any questions pertaining to our implementation plans.
Bell Atlantic	Bell Atlantic is not opposed to passing this parameter to the IC. However, we need to know the demand for such a capability before we request it to be incorporated into the technical requirements and have our vendors develop it.
BellSouth	This parameter is not yet a standard. It is contained in Draft Issue 2 of ANSI Specification T1.113.2 now undergoing industry approval. Implementation will be based upon industry demand and vendor pricing and availability.
Cincinnati Bell	Under investigation. No specific plans to implement at this time.
Contel Service Corporation	Contel does not have any SS7 interconnection arrangements at this time. When we establish SS7 connections we will conform to industry agreements.
GTE	Working with our switch vendors regarding CIC transmission. There are no immediate plans for the implementation at this time.
Pacific Bell	Pacific Bell has no current implementation plans for this new optional parameter. Since, technical requirements and development schedules are not currently available, actual implementation plans will depend on the level of industry demand, vendor feature development and network installation schedules. Pacific Bell is supportive of the need the industry may have for this parameter
Pacific Telecom	No Plans
SNET	SNET has not made any decisions on implementing this option in SS7 Call Setup messages.



EC REPORTS ON THEIR IMPLEMENTATION PLANS FOR THE TRANSMISSION OF CIC IN  
SS7 CALL SETUP MESSAGES - (CONT'D)

<u>COMPANY</u>	<u>RESPONSE</u>
SWBT	Assuming the standard to include the CIC parameter in the SS7 call setup message is approved, and assuming that a sufficient number of interexchange carriers express a desire for this type of additional information, SWBT would initiate an effort with its switch vendors to consider deployment of the feature.
Telesector Resources Group	<p>We do not have any implementation plans at this time.</p> <p>A new SS7 optional CIC parameter is currently being worked in T1S1.3 standards. This capability is contained in the DRAFT Issue 2 ANSI specification for the ISUP protocol which is undergoing the industry approval process. When the definition of this parameter becomes "firm" as a result of the standards approval process we will be in a position to issue requirements to our vendors. However, in the interest of time, as this moves through the standards process we are prioritizing capabilities which will be included in our reissue of the technical requirements documents.</p> <p>When the technical requirements are issued and vendor availability determined its implementation will be considered in light of the funding available and our modernization plans.</p>
United Telecommunications, Inc.	United has no plans to provide CIC in call setup messages to ICs at this time since it has not established any interconnection agreements with ICs. United will request its switch vendors to develop and implement this capability subject to provisioning of an industry standard and upon reaching agreement to interconnect with an IC.
U S WEST	Currently U S WEST has no information regarding vendor availability or cost, therefore we have no specific deployment plans for transmitting the SS7 optional CIC parameter.